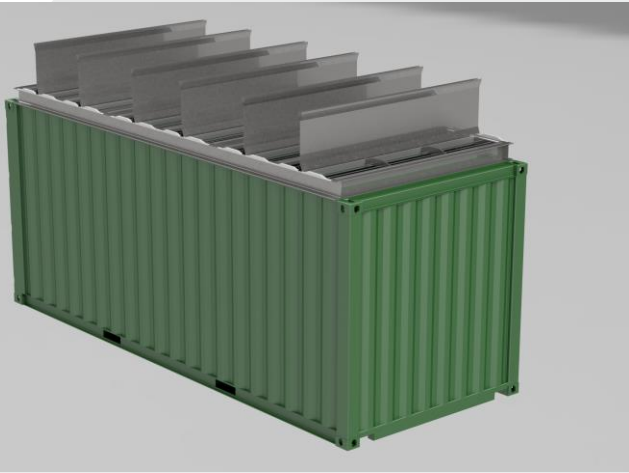


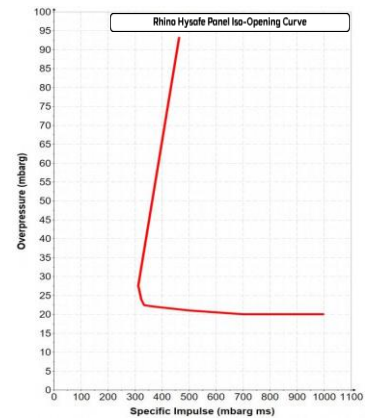
VERTEX-1

EXPLOSION RELIEF PANEL CASSETTE FOR MODULARISED APPLICATIONS

PRODUCT DATASHEET: **PD01**



Typical arrangement of 3 x cassettes installed on an ISO container, providing 65% free vent area.



VERTEX-1 PANELS

Ultrafast explosion relief panel system suitable for use across a wide range of deflagration hazards associated with flammable gases, hydrogen, dusts and hybrid mixtures. Specifically designed and sized for ease on incorporation onto standard ISO container installations. Up to 3 x cassettes can be installed on a 20ft (5.9m) container and 6 x cassettes on a 40ft (12.03m) container providing clear vent areas of up to 8.91m² and 17.82m² respectively.

Vents can be installed on any elevation including the roof. Ideally suited to other modularised insulations, including custom enclosures.

Tested to:

DnV full-scale explosion tested

Conforms to the requirements of ISO 19880-1 & designed in accordance with NFPA 68.

Features:

Unique design mitigates the need for physical relief fasteners which guarantees reliability and operational performance.

No mechanical hinges present allowing the panels to operate without producing fragments or missiles.

Quick and easy on-site installation due to cassette design.

Burglar bars installed as standard to provide optimum security.

Optional Extras:

Insulation.

Trace heating for cold environments.

Key Parameters:

Pstat down to 20 mbarg.

Low inertia, rapid activation.

Performance Envelope:

Please see chart above.

Cassette Dimensions:

1.87m (w) x 2.43m (l)

Clear Vent Area:

2.97m²